EFFECT OF SNOW PACK AND CONNECTIVITY ON PIKA

Teacher Information

**Learning goals:**

* Understand how snow pack, climate change and habitat connectivity can impact the American pika.

**Materials:**

* Power point placards, summer and winter condition cards
* Round balloons
* Ruler
* Walkin’ Jim Stoltz Pika Pika song

http://walkinjim.com/media/10.\_Pika\_Pika.mp3

* Student worksheet

**Teacher Instructions:**

* Divide room two halves. One half represents the Great Basin and the other the Southern Rockies.
* Try to arrange the desks as indicated on the diagram in the power point.
* Place one placard and a map of the region at each seat for the Great Basin. Do the same with the placards for the Southern Rockies.
* Place a summer and a winter card at each seat face down.
* Have students stand near a seat
* Musical Chairs style – Have students walk around the “mountain ranges,” while playing the Walkin’ Jim Stoltz Pika Pika song (or some other song).
* Students take a seat and follow the instructions on the worksheet.

**Student Instructions:**

1. Answer questions and follow directions on the worksheet.
2. Once they have made it through Question 12, draw the following chart on the board so they can complete Question 13:

|  |  |  |
| --- | --- | --- |
|  | HOT Summer | COOL Summer |
| HIGH Snow |  |  |
| LOW Snow |  |  |